

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) Weather Division



TROPICAL CYCLONE ADVISORY NO. 1

Typhoon "MAWAR"

Issued at 11:00 PM, 24 May 2023 Valid for broadcast until the next advisory at 11:00 AM tomorrow

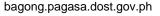
TYPHOON "MAWAR" MOVES PAST THE NORTHERN MARIANA ISLANDS WHILE MAINTAINING ITS STRENGTH Location of Center (10:00 PM) 130°E 135°E 145°E 140°E The center of the eye of Typhoon was estimated based on all available data at 2,205 km East of Supe Southeastern Luzon (13.9°N, 144.6°E) PM 29 May 2023 (Mont) 24°N ð Intensity N.W PM 28 May, 2023 (Sun.) Fropical Depres 8PM 27 May. 2023 (Sat.) ĕ na Arana Maximum sustained winds of 175 km/h near the 21°N N-L2 8AM 27 May. 2023 (Sat.) center, gustiness of up to 215 km/h, and central 04 8PM 26 May. 2023 (Fri.) pressure of 940 hPa 8°N N..8 8AM 26 May. 2023 (Fri.) 8PM'25 May. 2023 (Thu.) **Present Movement** 8AM 25 May. 2023 (Thu.) 5*N West northwestward at 10 km/h N. **Extent of Tropical Cyclone Winds** N°8 Strong to typhoon-force winds extend outwards up 135°E 140°E 145°E to 390 km from the center TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 8:00 AM 25 May 2023	14.3	143.2	2,055 km East of Southeastern Luzon (Outside the PAR)	175	ΤY	WNW 15
24-Hour Forecast 8:00 PM 25 May 2023	14.8	141.3	2,110 km East of Southeastern Luzon (Outside the PAR)	185	STY	WNW 20
36-Hour Forecast 8:00 AM 26 May 2023	15.3	138.8	1,840 km East of Central Luzon (Outside the PAR)	195	STY	WNW 25
48-Hour Forecast 8:00 PM 26 May 2023	15.8	136.1	1,495 km East of Central Luzon (Outside the PAR)	205	STY	W 25
60-Hour Forecast 8:00 AM 27 May 2023	16.3	133.3	1,195 km East of Central Luzon	215	STY	W 25
72-Hour Forecast 8:00 PM 27 May 2023	16.9	130.9	940 km East of Central Luzon	215	STY	WNW 20
96-Hour Forecast 8:00 PM 28 May 2023	18.6	127.0	570 km East of Aparri, Cagayan	195	STY	WNW 20
120-Hour Forecast 8:00 PM 29 May 2023	20.1	124.7	285 km East of Basco, Batanes	175	ΤY	NW 10

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GENERAL OUTLOOK FOR THE FORECAST PERIOD

- Typhoon MAWAR is forecast to track generally west northwestward tonight through tomorrow and westward on Friday while gradually accelerating. A turn to the west northwest or northwest while decelerating is possible by Saturday as typhoon approaches the waters east of Extreme Northern Luzon. Forecast confidence cone and the slightly southward shift in the model solutions suggest that the potential for a much closer approach to the country than the ones shown by the center track is not ruled out.
- MAWAR is forecast to re-intensify within the next 3 days and may regain its super typhoon status by tomorrow at the earliest. This tropical cyclone may reach a peak intensity of **215 km/h** on Saturday.
- Current track scenario shows that the rain bands over the typhoon may affect Cagayan Valley between Sunday and Tuesday next week. In addition, strong to gale-force conditions may be experienced which may necessitate the hoisting of Tropical Cyclone Wind Signal in the coming days.
- MAWAR is forecast to enhance the Southwest Monsoon and may trigger monsoon rains over the western
 portions of MIMAROPA, Visayas, and Mindanao on Friday and Saturday and over the western portions of Luzon and
 Visayas on Sunday onwards. However, the monsoon rains scenario may still change due to dependence of
 Southwest Monsoon enhancement on the track and intensity of MAWAR.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA

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